

**Flood Control Project Maintenance
Levee Inspections**

Fall 2007 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including Boat Survey Erosion

San Joaquin River Basin

| RD0524 | Overall LMA Rating | Total LMA Miles | | | | |
|--------------------------------------|--------------------|-----------------|--------------|---------------|---------------|-------------|
| Reclamation District No. 0524 | U | 6.30 | | | | |
| Rated Item | M Miles | U Miles | M + 4U Miles | Threshold % | Encroachments | |
| | | | | | PO Miles | CO Miles |
| Vegetation | 0.65 | 0.19 | 1.41 | 22.38% | | |
| Trim / Thin Trees | 1.13 | | 1.13 | 17.94% | | |
| Encroachments | 0.09 | 0.14 | 0.65 | 10.32% | 0.38 | |
| Animal Control | 1.04 | | 1.04 | 16.51% | | |
| Slope Stability | 0.26 | | 0.26 | 4.13% | | |
| Erosion / Bank Caving | 0.22 | 0.01 | 0.26 | 4.13% | | |
| Metal Pipes | 0.01 | | 0.01 | 0.16% | | |
| LMA Totals: | 3.40 | 0.34 | 4.76 | 75.56% | 0.38 | 0.00 |

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2007 Levee Inspection Results

Reclamation District No. 0524

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| * Overall LMA Rating (Fall Only) | | | U | |

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2007 Levee Inspection Results

Reclamation District No. 0524

| Waterway | | Bank | Unit Miles |
|-------------------------------|--|------|------------|
| Unit No. 01 San Joaquin River | | Left | 6.30 |

| | Spring (March - May) | Summer (June - August) | Fall (September - November) | Winter (December - February) |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Date of Inspection | | | | |
| DWR Inspector | | | Not Assigned | |
| Accompanied By | | | | |
| Unit Maintenance Rating (Fall Only) | | | U | |

Check one:

☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.

☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2007

Reclamation District No. 0524

| Waterway | | | | | | Bank | Unit Miles | Inspection Date | Inspector |
|-------------------------------|--|--|--|--|--|------|------------|-----------------|--------------|
| Unit No. 01 San Joaquin River | | | | | | Left | 6.30 | | Not Assigned |

| LMR Line | Levee Mile | | Category | Item | Location * | Rating | Action/Comment | GPS Latitude/Longitude | | Photo | Issue |
|----------|------------|------|------------------------------------|-----------------------|------------|--------|---|------------------------|-----|-------|-------|
| | Start | End | | | | | | Start | End | | |
| 1 | 0.00 | 0.40 | Earthen Levee | Vegetation | WS | M | Remove the wild growth other than native grasses from the levee slopes. | ° | ° | ° | 1 |
| 2 | 0.40 | 0.64 | Earthen Levee | Slope Stability | LS | M | Repair slope instability. | ° | ° | ° | 2 |
| 3 | 0.50 | 0.53 | Earthen Levee | Encroachments | WS | M | Material | ° | ° | ° | 3 |
| 4 | 0.64 | 0.69 | Earthen Levee | Vegetation | WS | M | Remove the wild growth other than native grasses from the levee slopes. | ° | ° | ° | 4 |
| 5 | 0.66 | 0.67 | Earthen Levee | Slope Stability | WS | M | Repair slope instability. | ° | ° | ° | 5 |
| 6 | 0.79 | 0.79 | Earthen Levee | Erosion / Bank Caving | WS | M | Schedule repair of erosion site prior to the next inspection. | ° | ° | ° | 6 |
| 7 | 0.80 | 0.84 | Earthen Levee | Erosion / Bank Caving | LS | M | Note and monitor erosion site. | ° | ° | ° | 7 |
| 8 | 0.89 | 1.01 | Earthen Levee | Trim / Thin Trees | LS | M | Thin trees to allow visibility of the ground and room to flood fight. | ° | ° | ° | 8 |
| 9 | 0.90 | 0.90 | Earthen Levee | Erosion / Bank Caving | WS | M | Note and monitor erosion site. | ° | ° | ° | 9 |
| 10 | 0.92 | 1.02 | Earthen Levee | Erosion / Bank Caving | LS | M | Schedule repair of erosion site prior to the next inspection. | ° | ° | ° | 10 |
| 11 | 1.08 | 1.08 | Earthen Levee | Erosion / Bank Caving | LS | M | Schedule repair of erosion site prior to the next inspection. | ° | ° | ° | 11 |
| 12 | 1.20 | 1.27 | Earthen Levee | Animal Control | WS | M | Exterminate rodents and backfill and compact or grout burrows. | ° | ° | ° | 12 |
| 13 | 1.24 | 1.24 | Earthen Levee | Encroachments | LS | M | Material | ° | ° | ° | 13 |
| 14 | 1.31 | 1.31 | Interior Drainage & Piping Systems | Metal Pipes | LS | M | | ° | ° | ° | 14 |
| 15 | 1.32 | 1.32 | Earthen Levee | Erosion / Bank Caving | WS | M | Schedule repair of erosion site prior to the next inspection. | ° | ° | ° | 15 |
| 16 | 1.50 | 1.51 | Earthen Levee | Trim / Thin Trees | LS | M | Thin trees to allow visibility of the ground and room to flood fight. | ° | ° | ° | 16 |
| 17 | 1.56 | 1.66 | Earthen Levee | Vegetation | LS | U | Remove the wild growth other than native grasses from the levee slopes. | ° | ° | ° | 17 |
| 18 | 1.62 | 1.64 | Earthen Levee | Trim / Thin Trees | WS | M | Thin trees to allow visibility of the ground and room to flood fight. | ° | ° | ° | 18 |
| 19 | 1.62 | 1.76 | Earthen Levee | Trim / Thin Trees | LS | M | Thin trees to allow visibility of the ground and room to flood fight. | ° | ° | ° | 19 |

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2007

Reclamation District No. 0524

| Waterway | | | | | | | Bank | Unit Miles | Inspection Date | Inspector | |
|-------------------------------|------------|------|---------------|-----------------------|------------|-----------|---|------------------------|-----------------|--------------|-------|
| Unit No. 01 San Joaquin River | | | | | | | Left | 6.30 | | Not Assigned | |
| LMR Line | Levee Mile | | Category | Item | Location * | Rating ** | Action/Comment | GPS Latitude/Longitude | | Photo | Issue |
| | Start | End | | | | | | Start | End | | |
| 20 | 1.66 | 1.80 | Earthen Levee | Encroachments | LS | PO | Landscaping | ° | ° | | 20 |
| 21 | 1.69 | 1.69 | Earthen Levee | Encroachments | LS | PO | Stairways | ° | ° | | 21 |
| 22 | 1.75 | 1.75 | Earthen Levee | Encroachments | LS | U | Garbage | ° | ° | | 22 |
| 23 | 1.91 | 1.96 | Earthen Levee | Encroachments | LS | PO | Landscaping | ° | ° | | 23 |
| 24 | 1.95 | 1.95 | Earthen Levee | Slope Stability | WS | M | Repair slope instability. | ° | ° | | 24 |
| 25 | 1.96 | 1.97 | Earthen Levee | Trim / Thin Trees | LS | M | Trim trees to at least five feet above ground level. | ° | ° | | 25 |
| 26 | 2.14 | 2.14 | Earthen Levee | Encroachments | LS | PO | Stairways | ° | ° | | 26 |
| 27 | 2.30 | 2.32 | Earthen Levee | Vegetation | LS | M | Elderberries are blocking visibility and flood fight capability. | ° | ° | | 27 |
| 28 | 2.32 | 2.36 | Earthen Levee | Trim / Thin Trees | LS | M | Thin trees to allow visibility of the ground and room to flood fight. | ° | ° | | 28 |
| 29 | 2.34 | 2.36 | Earthen Levee | Erosion / Bank Caving | LS | M | Schedule repair of erosion site prior to the next inspection. | ° | ° | | 29 |
| 30 | 2.47 | 2.48 | Earthen Levee | Erosion / Bank Caving | WS | M | Schedule repair of erosion site prior to the next inspection. | ° | ° | | 30 |
| 31 | 2.47 | 2.84 | Earthen Levee | Trim / Thin Trees | LS | M | Thin trees to allow visibility of the ground and room to flood fight. | ° | ° | | 31 |
| 32 | 2.48 | 2.56 | Earthen Levee | Vegetation | LS | M | Elderberries are blocking visibility and flood fight capability. | ° | ° | | 32 |
| 33 | 2.59 | 2.60 | Earthen Levee | Encroachments | LS | PO | Buildings | ° | ° | | 33 |
| 34 | 2.60 | 2.60 | Earthen Levee | Encroachments | LS | M | Material | ° | ° | | 34 |
| 35 | 2.67 | 2.67 | Earthen Levee | Vegetation | LS | M | Elderberries are blocking visibility and flood fight capability. | ° | ° | | 35 |
| 36 | 2.75 | 2.75 | Earthen Levee | Encroachments | WS | M | Debris | ° | ° | | 36 |
| 37 | 2.75 | 2.84 | Earthen Levee | Vegetation | LS | U | Remove the wild growth other than native grasses from the levee slopes. | ° | ° | | 37 |
| 38 | 2.80 | 2.80 | Earthen Levee | Erosion / Bank Caving | LS | M | Schedule repair of erosion site prior to the next inspection. | ° | ° | | 38 |

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2007

Reclamation District No. 0524

| Waterway | | | | | | Bank | Unit Miles | Inspection Date | Inspector |
|-------------------------------|--|--|--|--|--|------|------------|-----------------|--------------|
| Unit No. 01 San Joaquin River | | | | | | Left | 6.30 | | Not Assigned |

| LMR Line | Levee Mile | | Category | Item | Location * | Rating ** | Action/Comment | GPS Latitude/Longitude | | Photo | Issue |
|----------|------------|------|---------------|-----------------------|------------|-----------|---|------------------------|-----|-------|-------|
| | Start | End | | | | | | Start | End | | |
| 39 | 2.89 | 2.89 | Earthen Levee | Vegetation | LS | M | Elderberries are blocking visibility and flood fight capability. | ° | ° | | 39 |
| | | | | | | | | ° | ° | | |
| 40 | 2.95 | 2.96 | Earthen Levee | Encroachments | LS | M | Tree or limb | ° | ° | | 40 |
| | | | | | | | | ° | ° | | |
| 41 | 3.34 | 3.64 | Earthen Levee | Trim / Thin Trees | LS | M | Thin trees to allow visibility of the ground and room to flood fight. | ° | ° | | 41 |
| | | | | | | | | ° | ° | | |
| 42 | 3.41 | 3.41 | Earthen Levee | Vegetation | LS | M | Remove the wild growth other than native grasses from the levee slopes. | ° | ° | | 42 |
| | | | | | | | | ° | ° | | |
| 43 | 3.47 | 3.47 | Earthen Levee | Encroachments | LS | M | Debris | ° | ° | | 43 |
| | | | | | | | | ° | ° | | |
| 44 | 3.48 | 3.55 | Earthen Levee | Vegetation | LS | M | Remove the wild growth other than native grasses from the levee slopes. | ° | ° | | 44 |
| | | | | | | | | ° | ° | | |
| 45 | 3.69 | 3.69 | Earthen Levee | Encroachments | LS | PO | Landscaping | ° | ° | | 45 |
| | | | | | | | | ° | ° | | |
| 46 | 3.81 | 3.89 | Earthen Levee | Trim / Thin Trees | LS | M | Thin trees to allow visibility of the ground and room to flood fight. | ° | ° | | 46 |
| | | | | | | | | ° | ° | | |
| 47 | 3.87 | 4.02 | Earthen Levee | Encroachments | WS | PO | Prunings | ° | ° | | 47 |
| | | | | | | | | ° | ° | | |
| 48 | 3.89 | 4.02 | Earthen Levee | Encroachments | LS | U | Equipment | ° | ° | | 48 |
| | | | | | | | | ° | ° | | |
| 49 | 4.58 | 5.52 | Earthen Levee | Animal Control | LS | M | Exterminate rodents and backfill and compact or grout burrows. | ° | ° | | 49 |
| | | | | | | | | ° | ° | | |
| 50 | 4.62 | 4.66 | Earthen Levee | Trim / Thin Trees | LS | M | Trim trees to at least five feet above ground level. | ° | ° | | 50 |
| | | | | | | | | ° | ° | | |
| 51 | 5.69 | 5.69 | Earthen Levee | Erosion / Bank Caving | WS | U | Schedule repair of erosion site prior to the next inspection. | ° | ° | | 51 |
| | | | | | | | | ° | ° | | |
| 52 | 5.71 | 5.74 | Earthen Levee | Animal Control | LS | M | Exterminate rodents and backfill and compact or grout burrows. | ° | ° | | 52 |
| | | | | | | | | ° | ° | | |
| 53 | 5.83 | 5.83 | Earthen Levee | Encroachments | WS | M | Pipe | ° | ° | | 53 |
| | | | | | | | | ° | ° | | |

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LS : Land Side
WS : Water Side
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